

Title (en)
DIALYSIS SYSTEM FOR TREATING DIALYSATE

Title (de)
DIALYSESYSTEM ZUR BEHANDLUNG EINES DIALYSATS

Title (fr)
SYSTÈME DE DIALYSE POUR TRAITEMENT DE DIALYSAT

Publication
EP 3148606 B1 20190424 (EN)

Application
EP 15728990 A 20150528

Priority
• US 201462004642 P 20140529
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Abstract (en)
[origin: WO2015184033A2] A method for treating dialysate solutions used in dialysis wherein dialysate is treated in an early part of a dialysis treatment session by external infusion of bicarbonate solution into the dialysate circuit to eliminate the need for bicarbonate requirements in concentrates used for preparation of precursor dialysate (priming) solutions and/or for a solid bicarbonate layer in a sorbent cartridge. Dialysate is treated in a latter part of a dialysis treatment session by introduction of sterile dilution water to reduce sodium concentration in the dialysate. The method provides a more efficient and reduced use of dialysate fluids, electrolytes, sorbent cartridge materials, equipment scale, or any combinations of these, while maintaining purity standards and applicable physiological ranges for bicarbonate, sodium, and other dialysate solution components over the course of a dialysis treatment session.

IPC 8 full level
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A61M 60/17 (2021.01 - CN KR); **A61M 60/40** (2021.01 - CN KR); **G16H 10/60** (2018.01 - EP KR US); **G16Z 99/00** (2019.02 - CN EP KR US);
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KR 20190003839 A 20190109; MX 2016015466 A 20170323; US 10155076 B2 20181218; US 11071810 B2 20210727;
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